



RECEIVED
OCT 18 2011
DIV. OF OIL, GAS & MINING

INCORPORATED
SEP 21 2011
Div. of Oil, Gas & Mining

LEGEND

- PERMIT BOUNDARY
- EXCESS SPOIL DISPOSAL AREA LIMITS
- EXISTING CONTOURS
- BOTTOM OF PILE CONTOURS

NOTE:

THE FOLLOWING SOURCES WERE USED TO OBTAIN DATA USED TO GENERATE CONTOUR LINES UNDER THE EXISTING COARSE REFUSE:

JOHN T. BOYD REPORT APPENDICES 9-1 AND 9-3
USGS - SUNNYSIDE QUADS 15 MIN. (1915)
7 1/2 MIN. (1972)

HISTORICAL AERIAL PHOTOS 1952, 1969, 1980
FROM USDA-APFO

AERIAL PHOTOGRAPHY BY AEROGRAPHICS IN COORDINATION WITH UTAH ENGINEERING AND LAND SURVEYING, 1994

SURFACE CONTOURS OBTAINED FROM SUNNYSIDE COAL COMPANY IN 1992

REV	DATE	DESCRIPTION	BY	APP'D
Δ				
Δ				
Δ	11/10	BOUNDARY AND TOPO UPDATES	AH	
Δ	9/02	2002 PERMIT RENEWAL	AH	
Δ	8/95	ADDED TERRACES	JRT	

DESIGNED	AH
DRAWN	AH
CHECKED	SSC

TWIN PEAKS
Engineering & Land Surveying
2264 NORTH 1450 EAST LEHI, UTAH 84043
(801) 450-3511, (801) 439-0700 FAX

Sunnyside Cogeneration Associates
EXCESS SPOIL DISPOSAL AREA #1 DESIGN
NATURAL GROUND

9-11-94
SCALE
PROJECT NO.

